



Bluff Road Landfill Expansion and Capping Projects

Lincoln Wastewater and Solid Waste Division is undertaking the construction of three planned projects as part of the continuous operation and planned development of the current municipal solid waste landfill site. The Bluff Road site was designed to provide long-term solid waste disposal for waste generated in the City of Lincoln and Lancaster County.

This current Capital Improvements Project includes 3 major construction activities: the Phase 10 liner and leachate collection system; the Phase 3 capping system; and the storm water basin relocation. The overall development of the site includes 15 phases of liner construction and 12 phases of site closure and capping ([View Phasing Plan](#)). Phase 10 lateral expansion is composed of clay and synthetic liner components and granular drainage layer and leachate collection piping. The Phase 3 capping also includes clay and synthetic liner components as well as a geosynthetics drainage layer and landfill gas venting components. The relocation of the existing storm water basin will allow for planned development of future landfill areas and control run-off from the site.

Project Summary -

General Project Information:

- Phase 10 Liner – 10 acres of lining system including 175,000 cubic yards of soil excavation.
- Phase 3 capping - 15 acres of composite capping system and boring a new culvert below the site access road.
- Storm Water Basin Relocation – 11-acre sediment pond and approximately 100,000 cubic yards of soil excavation.

Total Project Cost:	\$4,360,000 (Estimated)
Construction Contract Cost	\$3,467,750
Funding:	Landfill Revenue Funds

Project Schedule:

Substantial Completion	
Liner and Capping	November 6 th , 2006
Basin Relocation	March 16 th , 2007
Final Completion	
Liner and Capping	December 6 th , 2006
Basin Relocation	April 16 th , 2007

Construction Contractor

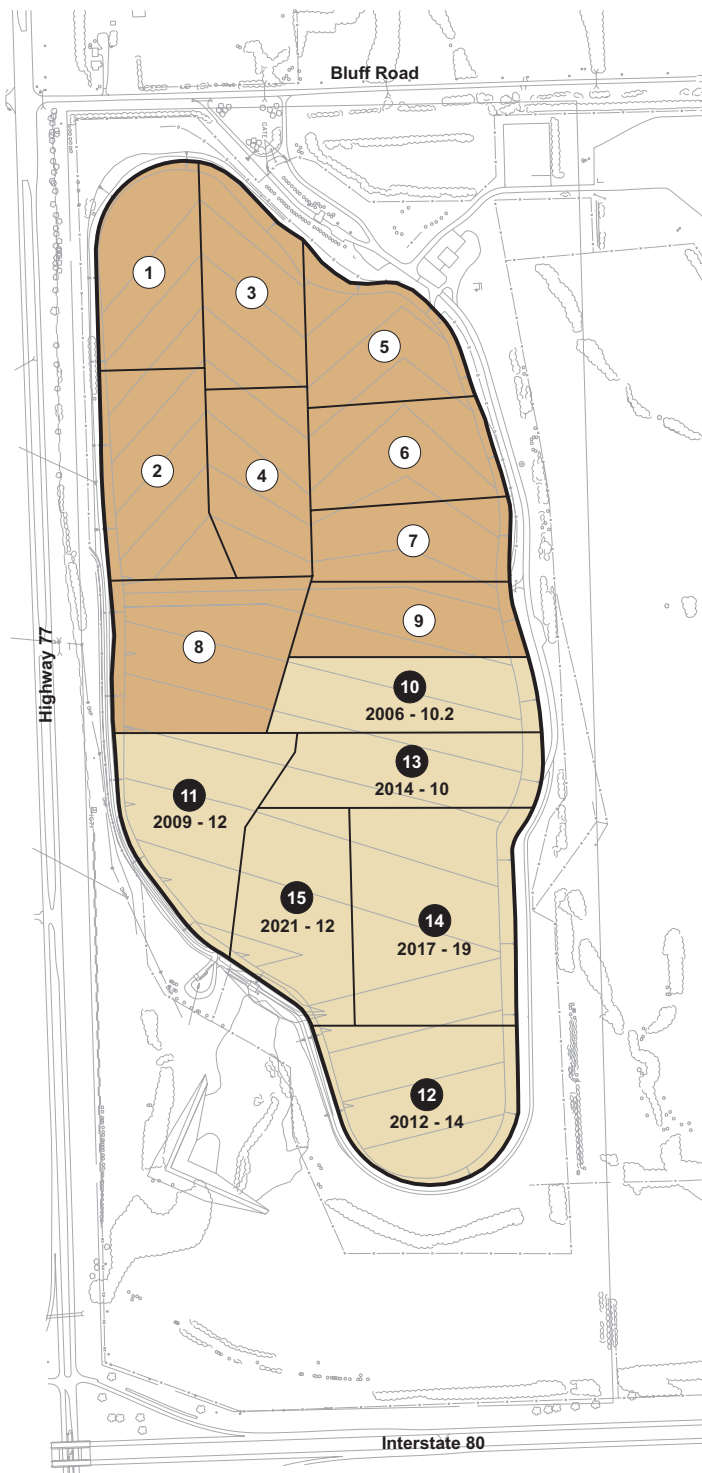
JJWesthoff Construction Co., Lincoln, NE
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Project Contacts:

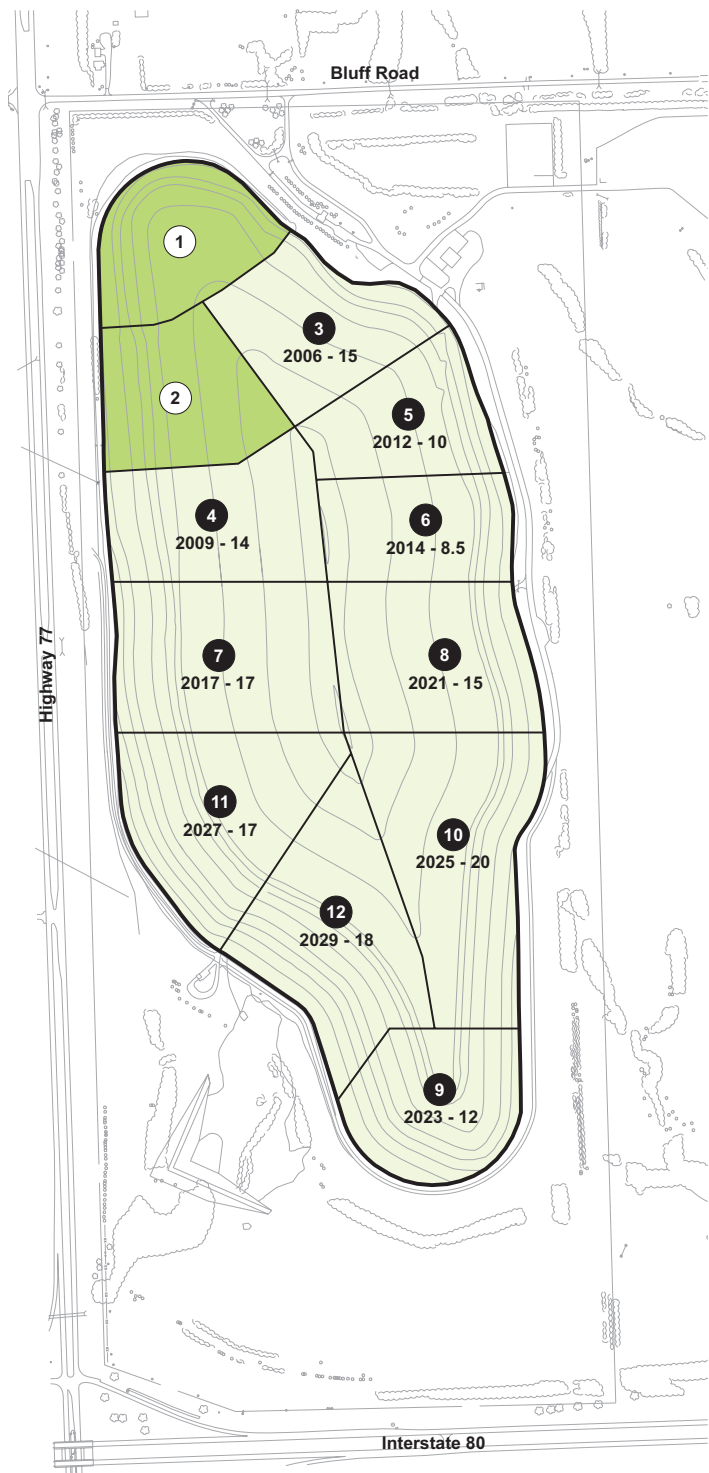
Lincoln Wastewater and Solid Waste
Karla Welding (402) 441-7867
City Project No. 569343, 569282, 569283
Specification 06-172

HDR (Consulting Engineer):
John Dempsey (402) 399-2352

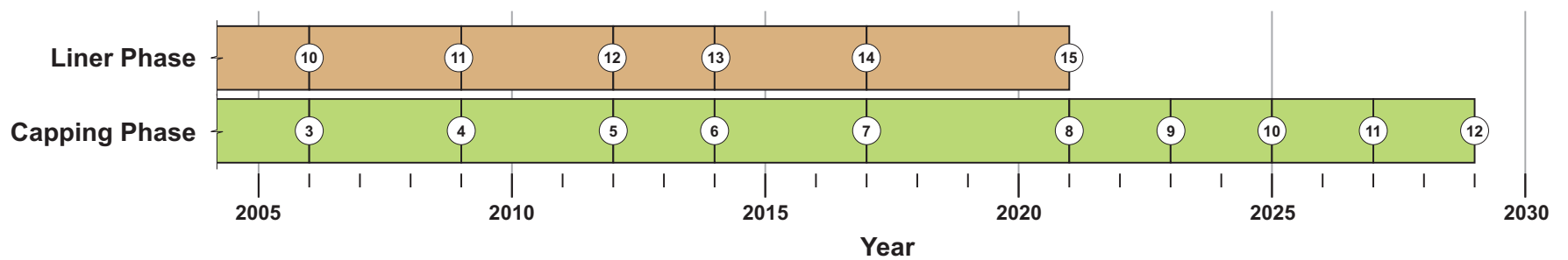
[View Project Location Map](#)



Bottom Liner Development Sequence



Top Capping Development Sequence



Liner and Capping Timeline

